BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Name of the work: Estimate for Emergency Grant in Ward No. 09 (Vidyaranyapura), Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	In Figures	In Words
1	296.37	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 143 / Item No. 19.1, PWD SR 2018-19	Cum	250.24	Rupees Two Hundred Fifty and Twenty Four Paise Only
2	1308.06	Removing and refixing stone slabs of drains and pointing in CM (1:3) Page No. 27 / Item No. 5.33 PWD SR 2018-19	Sqm	111.30	Rupees One Hundred Eleven and Thirty Paise Only
3	319.41	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete Page No. 27 / Item No. 5.31.1 PWD SR 2018-19	Sqm	742.00	Rupees Seven Hundred Forty Two Only
4	674.31	KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3 Page No. 146 / Item No. 19.55 PWD SR 2018-19	Sqm	95.40	Rupees Ninety Five and Forty Paise Only
5	155.09	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155 / Item No. 20.18, PWD SR 2018-19	Cum	2001.28	Rupees Two Thousand One and Twenty Eight Paise Only
6	674.31	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 Page No. 158 / Item No. 21.6, PWD SR 2018-19	Sqm	36.04	Rupees Thirty Six and Four Paise Only

Sl. No.	Approved Qty.	Description	Unit	In Figures	In Words
7	33.72	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen Page No. 159 / Item No. 21.11.6, PWD SR 2018-19	Cum	5551.22	Rupees Five Thousand Five Hundred Fifty One and Twenty Two Paise Only
8	1926.60	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 Page No. 158 / Item No. 21.2, PWD SR 2018-19	Sqm	5.30	Rupees Five and Thirty Paise Only
9	1926.60	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 Page No. 158 / Item No. 21.7 PWD SR 2018-19	Sqm	14.84	Rupees Fourteen and Eighty Four Paise Only
10	77.06	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen Page No. 162 / Item No. 21.22.6, PWD SR 2018-19	Cum	7911.84	Rupees Seven Thousand Nine Hundred Eleven and Eighty Four Paise Only
11	67.60	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page No. 182, Item No. 24.15 PWD SR 2018-19	Sqm	454.74	Rupees Four Hundred Fifty Four and Seventy Four Paise Only

Sl. No.	Approved Qty.	Description	Unit		
				In Figures	In Words
12	4.5	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1600 mm x 900 mm made out of retro reflective sheeting conforming to Type XI standrads of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of dlue colour and white letters and fixed over 4 mm thick aluminium composite materials sheet having minimum 0.5 mm thick aluminium skin on both sides with back side painted grey colour and fixed over back supportframe SS angle of 15 mm x 20 mm x 1.2 mm supported by 38 mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground means of properly designed foundation of size 450 mm x 450 mm x 600 mm in 1:1.5:3 ratio cement concrete the background shall be blue in color with letters and boarder in white the item includes earthwork excavation cost of all materials, loading, unloading, lead, lift, transportation etc complete as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manugacturer & a dertified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for techincal qualification in the tender Page No. 190, Item No. 24.59 PWD SR 2018-19	Sqm	14094.82	Rupees Fourteen Thousand Ninety Four and Eighty Two Paise Only

"DTS APPROVED"

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Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))